

WEEKLY QUIZ

DATE : (10th Nov- 16th Nov)

1) Birsa Munda is remembered for which of the following contributions?

- (a) Leading the Munda rebellion (Ulgulan) against colonial authorities
- (b) Founding the Arya Samaj movement
- (c) Establishing the Brahmo Samaj
- (d) Initiating the Kuka movement in Punjab

2) Which institution has civil court powers to handle personal data breach complaints under the Digital Personal Data Protection Act, 2023?

- (a) National Cyber Security Coordinator
- (b) Data Protection Board
- (c) Central Information Commission
- (d) Telecom Regulatory Authority of India

3) What does the Wholesale Price Index (WPI) in India measure?

- (a) Variation in agricultural output growth
- (b) Change in basic prices in the wholesale market
- (c) Change in retail prices in urban markets
- (d) Fluctuations in service sector wage rates

4) Consider the following statements:

- 1. Lake Turkana is the world's largest alkaline lake.
- 2. The majority of the inflow to Lake Turkana comes from the Omo River, which is located in Ethiopia.
- 3. Lake Turkana is entirely situated within the political boundaries of Kenya.

Which of the statements given above is/are correct?

- (a) II only
- (b) II and III only
- (c) I, II and III
- (d) I and II only

5) Consider the following statements:

- 1. Exercise Garuda is a trilateral air exercise involving India, France, and the United Kingdom.
- 2. The 2025 edition of Exercise Garuda is being held at Mont-de-Marsan Air Base in France.

Which of the statements given above is/are correct?

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

6) The Mudh-Nyoma airbase, recently operationalised, is located in which of the following regions?

- (a) Eastern Ladakh
- (b) Arunachal Pradesh
- (c) Uttarakhand
- (d) Sikkim

7) Lake Urmia, the largest endorheic salt lake in the Middle East, is located in:

- (a) Iran
- (b) Uzbekistan
- (c) Afghanistan
- (d) Saudi Arabia

8) Consider the following statements:

- 1. The Glasgow Climate Pact commits developed nations to providing \$1.3 trillion in adaptation funding for developing nations by 2035.
- 2. The NCQG (New Collective Quantified Goal) aims to mobilise at least \$300 billion per year for developing countries by 2035.

Which of the statements given above is/are correct?

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

9) Consider the following statements regarding the geographical features of Iran:

- 1. The Zagros and Elbrus mountains are major mountain ranges located in Iran.
- 2. Lake Urmia is the largest endorheic salt lake in the Middle East.
- 3. The Caspian Sea forms a water boundary to the north of Iran.
- 4. The city of Tehran is situated in the southern part of Iran.

Which of the statements given above is/are correct?

- (a) I, II and III only
- (b) II only
- (c) I, III and IV only
- (d) III only

10) Consider the following features regarding Saranda Forest:

- 1. Ligarda swamp within Saranda hosts rare vegetation including wild bananas and *Piper* species.

2. The landscape merges with forests of Odisha and Chhattisgarh.
3. It is located in Jharkhand and is part of the Chhotanagpur bio-geographic zone.
4. The only tribe found in the region is the Ho tribe.

Which of the statements given above is/are correct?

- (a) II and IV only
- (b) II only
- (c) I, II and III only
- (d) I and II only

11) Consider the following statements about Hepatitis

A:

1. Hepatitis A is transmitted only through direct sexual contact with an infectious person.
2. It is an inflammation of the liver and does not cause chronic liver disease.
3. A vaccine is available for both Hepatitis A and Hepatitis B.

Which of the statements given above is/are correct?

- (a) I and III only
- (b) I, II and III
- (c) III only
- (d) II and III only

12) With reference to the Climate and Health Funders' Coalition (CHFC), which of the following statements is/are correct?

1. Bloomberg Philanthropies and the Gates Foundation are among the committed funders of the Coalition.
2. The immediate focus areas include extreme heat, air pollution, climate-sensitive infectious diseases, and critical climate and health data for decision makers.
3. The Coalition has committed an initial \$300 million for integrated action to address climate change and its impacts on health.

Which of the statements given above is/are correct?

- (a) II and III only
- (b) I, II and III
- (c) I and II only
- (d) I and III only

13) With reference to the potential impacts of AMOC (Atlantic Meridional Overturning Circulation) collapse, which of the following statements is/are correct?

1. The tropical rain belt may shift southward, potentially causing droughts over the African Sahel.
2. It may affect the timing of the Indian monsoon.
3. The collapse can cool Europe and change precipitation patterns in several continents.

Which of the statements given above is/are correct?

- (a) I and II only
- (b) I, II and III
- (c) II and III only
- (d) I and III only

14) With reference to the Anti-Defection Law in India, consider the following statements:

1. The law does not provide any exception for mergers, even if a large majority of party legislators agree.
2. The Anti-Defection Law was inserted through the 52nd Amendment Act, 1985 as the Tenth Schedule of the Constitution.
3. The decision of the Speaker or Chairman on questions of disqualification is subject to immediate and mandatory judicial review in all cases.

Which of the statements given above is/are correct?

- (a) II and III only
- (b) III only
- (c) I and II only
- (d) II only

15) Which of the following best describes the objective of the Export Promotion Mission (EPM) announced in the Union Budget 2025-26?

- (a) To provide exclusive incentives for large corporations to invest in foreign markets
- (b) To regulate only the export of agricultural products through new licensing norms
- (c) To enable affordable trade finance, enhance competitiveness, and improve international market access for Indian exporters
- (d) To impose tariffs on imports to protect domestic industries

16) Ricin, sometimes mentioned in the news, is best described as:

- (a) A protein toxin derived from castor beans, lethal even in small amounts
- (b) A synthetic explosive used in mining operations
- (c) A radioactive isotope used in industrial radiography
- (d) An organophosphorus pesticide used in agriculture

17) Which of the following statements best describes a "cannibal solar storm"?

- (a) A faster solar storm overtaking an earlier slower one, resulting in a stronger storm
- (b) A solar storm that is caused by lunar eclipses
- (c) A solar storm occurring exclusively during equinoxes
- (d) A solar storm formed when two coronal holes merge

18) Which agency is responsible for implementing Project Cheetah in India?

- (a) Ministry of Agriculture and Farmers Welfare
- (b) National Tiger Conservation Authority
- (c) Zoological Survey of India
- (d) Wildlife Institute of India

19) The Protection of Plant Varieties and Farmers' Rights Authority (PPV&FRA), established in 2005, functions under which ministry?

- (a) Ministry of Consumer Affairs, Food and Public Distribution
- (b) Ministry of Environment, Forests and Climate Change
- (c) Ministry of Science and Technology
- (d) Ministry of Agriculture and Farmers Welfare

20) Consider the following statements:

1. The National Green Hydrogen Mission (NGHM) aims for India to achieve 5 million metric tons of Green Hydrogen production annually by 2030.

- All hydrogen produced in India, regardless of the production method, is classified as Green Hydrogen if emissions are below 5 kg of CO₂ equivalent per 1 kg of hydrogen produced.

Which of the statements given above is/are correct?

- I only
- II only
- Both I and II
- Neither I nor II

21) Consider the following statements regarding the Quantum Diamond Microscope:

- It has enabled India to secure its first patent in quantum sensing.
- It is used exclusively in the field of astronomy.
- It uses nitrogen-vacancy centres in diamond to image magnetic fields at nanoscale resolution at room temperature.
- It is primarily designed for destructive testing in semiconductor research.

Which of the statements given above is/are correct?

- II only
- I and III only
- I, II and IV only
- III and IV only

22) Consider the following statements about Fourier Transform Infrared (FTIR) Spectroscopy:

- FTIR spectroscopy analyzes materials by measuring how they absorb infrared light.
- FTIR spectroscopy is destructive and requires large amounts of material.
- It provides both qualitative and quantitative data.
- The technique involves an interferometer, and the data is processed by a computer to create a spectrum.

Which of the statements given above is/are correct?

- III only
- II and III only
- I and III only
- I, III and IV only

23) Consider the following statements regarding gynandromorphism:

- All organisms with gynandromorphism are always sterile.
- Gynandromorphism is an abnormal reproductive condition in which both female and male characteristics are displayed in the same individual.
- The cause is typically an event in mitosis during early development leading to mixed male and female cell lines.
- It is most often observed in organisms with strong sexual dimorphism, such as certain butterflies, spiders, and birds.

Which of the statements given above is/are correct?

- I and III only
- I, III and IV only

- III and IV only
- II, III and IV only

24) Consider the following statements:

Assertion (A): The Protection of Plant Varieties and Farmers' Rights (PPV&FRA) Act, 2001 recognizes only breeders' rights and not farmers' or researchers' rights.

Reason (R): The PPV&FRA Act aims to encourage new variety development, protect plant varieties, and promote seed industry growth.

Which one of the following is correct in respect of the above statements?

- Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- Statement-I is correct, but Statement-II is incorrect
- Statement-I is incorrect, but Statement-II is correct

25) Which of the following best describes the impact of thawing permafrost in the context of recent cryosphere changes?

- It significantly increases the thickness of sea ice at both poles
- It leads to increased global precipitation and cooling
- It releases large amounts of ancient organic carbon, reducing the global carbon budget
- It primarily contributes to volcanic eruptions in polar regions

26) Which of the following is a characteristic feature of flow batteries as an emerging energy storage technology?

- Use of solid electrolyte solutions that eliminate the need for a separator
- Involvement of two different liquid electrolytes undergoing redox reactions
- Exclusive dependence on lithium-ion cells for energy storage
- Inability to scale energy storage independently of power capacity

27) Which institution serves as the implementing agency for the National One Health Mission in India?

- Ministry of Health and Family Welfare
- Indian Veterinary Research Institute
- National Centre for Disease Control
- Indian Council of Medical Research (ICMR)

28) Which of the following is true about 'Digital Gold' in India, as clarified by recent SEBI advisories?

- Its price is not linked to the price of physical gold
- It is neither notified as a security nor regulated as a commodity derivative
- It can only be bought and sold through nationalized banks
- It is regulated as a security under SEBI guidelines

29) Consider the following statements regarding global cooling and related initiatives:

- The Beat the Heat Global Initiative is a joint effort by the United Nations Environment Programme's (UNEP) Cool Coalition and Brazil to promote equitable access to sustainable cooling.

2. Passive and nature-based cooling design integration is a focus area under the Beat the Heat Global Initiative.
3. Under a Business-as-Usual Cooling Pathway, the global stock of cooling equipment is projected to triple by 2050.

Which of the statements given above are correct?

- (a) I and III only
- (b) I, II and III
- (c) I and II only
- (d) II and III only

30) Consider the following statements regarding Exercise VINBAX:

1. VINBAX is a trilateral army exercise involving India, Vietnam, and Bangladesh.
2. The aim of VINBAX includes enhancing interoperability in United Nations (UN) peacekeeping operations.
3. The 6th edition of VINBAX commenced in Hanoi.
4. VINBAX is a bilateral army exercise between India and Vietnam.

Which of the statements given above are correct?

- (a) I, III and IV only
- (b) I only
- (c) I and III only
- (d) II, III and IV only

31) Consider the following statements regarding Digital Gold products:

1. The price of digital gold is linked to that of physical gold.
2. Digital gold is considered a security and regulated by the Securities and Exchange Board of India (SEBI).
3. Digital gold allows investors to buy, sell, and store gold electronically using blockchain technology.

Which of the statements given above are correct?

- (a) I, II and III
- (b) I and II only
- (c) I and III only
- (d) I only

32) Consider the following statements regarding magnetic orders:

1. Antiferromagnets create a strong, external magnetic field because all atomic magnets point the same way.
2. Altermagnets, like antiferromagnets, do not produce a net magnetic field.
3. In ferromagnets, atomic magnets point in alternating directions, cancelling each other and producing no net magnetic field.

Which of the statements given above is/are correct?

- (a) I only
- (b) II and III only
- (c) I and III only
- (d) II only

33) Consider the following statements regarding the present status of Tuberculosis (TB) vaccines:

1. The currently available Bacille Calmette–Guérin (BCG) vaccine offers limited and variable protection against pulmonary TB in adolescence and adulthood.
2. There have been several new Tuberculosis (TB) vaccines licensed since 1920.
3. The World Health Organization (WHO) has called for equitable access strategies to ensure novel TB vaccines reach high-burden countries.

Which of the statements given above are correct?

- (a) I, II and III
- (b) I only
- (c) I and III only
- (d) III only

34) Consider the following statements regarding the National One Health Mission:

Assertion (A): The National One Health Mission aims to build an integrated pandemic preparedness system by uniting human, animal, and environmental sectors.

Reason (R): Unique demographics and recent disease outbreaks in India have made the One Health approach imperative for the country.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

35) Which of the following best describes India's approach to South-South Cooperation?

- (a) It is primarily characterized by supply-driven aid initiated by India.
- (b) It blends local ownership with global credibility, focusing on demand-driven proposals and capacity building.
- (c) It mainly relies on lending large sums of money to developing countries for strategic influence.
- (d) It focuses on providing conditional support based on political alignment.

36) Which ministry is responsible for implementing the Dump Assessment and Monitoring Programme (DAMP) under the Swachh Bharat Mission-Urban 2.0?

- (a) Ministry of Environment, Forest and Climate Change
- (b) Ministry of Housing and Urban Affairs
- (c) Ministry of Agriculture and Farmers' Welfare
- (d) Ministry of Jal Shakti

37) Which of the following best describes Neodymium, recently in news for enhanced production in India?

- (a) A metalloid essential for semiconductor manufacturing
- (b) A transition metal mainly used in steel alloys
- (c) A lanthanide metal vital for electric vehicles and clean energy technologies
- (d) An actinide metal primarily used in nuclear reactors and nuclear weapons

38) Consider the following statements regarding leading institutions, policy initiatives, and missions in India's biotechnology sector:

1. The Biotechnology Industry Research Assistance Council (BIRAC) is a not-for-profit Public Sector Enterprise under the Department of Biotechnology.
2. The National Biopharma Mission (NBM) is jointly implemented by the Department of Biotechnology and the Bill & Melinda Gates Foundation.
3. The BioE3 Policy, approved by the Union Cabinet in 2024, aims to foster high-performance biomanufacturing in India.

Which of the statements given above are correct?

- (a) II and III only
- (b) I and III only
- (c) I and II only
- (d) I, II and III

39) Consider the following statements regarding Quality Control Orders (QCOs):

1. Some products require mandatory use of the Standard Mark under a Licence or Certificate of Conformity from the Bureau of Indian Standards (BIS) through issuance of QCOs.
2. QCOs are published by the Central Government after consulting the Bureau of Indian Standards under the BIS Act, 2016.
3. BIS certification is mandatory for all packaged products, regardless of their nature.

Which of the statements given above are correct?

- (a) I and III only
- (b) I and II only
- (c) II and III only
- (d) I, II and III

40) The Kigali Amendment to the Montreal Protocol is related to:

- (a) Banning mercury in batteries
- (b) Elimination of leaded petrol
- (c) Phasing down hydrofluorocarbons (HFCs)
- (d) Regulating carbon credits

41) Consider the following statements regarding the National Legal Services Authority (NALSA):

1. The Chief Justice of India is the Patron-in-Chief of the National Legal Services Authority (NALSA).
2. Senior citizens are universally eligible for free legal aid under the Legal Services Authorities Act, 1987, regardless of the rules framed by State Governments.

Which of the statements given above is/are correct?

- (a) I only
- (b) II only
- (c) Both I and II
- (d) Neither I nor II

42) Consider the following statements regarding maritime zones under the United Nations Convention on the Law of the Sea (UNCLOS):

1. The Exclusive Economic Zone (EEZ) of a country, as defined by UNCLOS, extends up to 200 nautical miles from the land coast.
2. The Territorial Sea extends up to 12 nautical miles from the coast according to the 1982 United Nations Convention on the Law of the Sea.
3. The Contiguous Zone extends up to 24 nautical miles from the baseline from which the breadth of the Territorial Sea is measured.

Which of the statements given above is/are correct?

- (a) I and II only
- (b) II and III only
- (c) I and III only
- (d) I, II and III

43) Consider the following statements regarding the Aditya-L1 mission:

1. The Visible Emission Line Coronagraph (VELC) is one of its remote sensing payloads.
2. The mission was launched using PSLV-C57.
3. The spacecraft is placed in a halo orbit around Lagrange point 1 (L1) of the Sun-Earth system.

Which of the statements given above are correct?

- (a) I, II and III
- (b) I and II only
- (c) I and III only
- (d) II and III only

44) Consider the following statements regarding smart proteins:

1. All smart proteins are derived exclusively from animal cells.
2. Fermentation-derived proteins are excluded from smart proteins.
3. Smart proteins aim to reduce reliance on conventional protein production.
4. Plant-based proteins are included within the category of smart proteins.

Which of the statements given above are correct?

- (a) III only
- (b) II, III and IV only
- (c) I and II only
- (d) III and IV only

45) Consider the following statements regarding molasses:

1. Molasses is a byproduct of both sugar beet and sugar cane refinement processes.
2. It is commonly known by regional names such as "exhausted honey."
3. Molasses contains no significant nutrients except for water and sugars.

Which of the statements given above is/are correct?

- (a) I and II only
- (b) I, II and III
- (c) II and III only
- (d) I and III only

46) Consider the following statements regarding the Legal Services Authorities Act, 1987:

Assertion (A): The Legal Services Authorities Act, 1987 aims to ensure that no citizen is denied equal opportunity for justice due to economic barriers.

Reason (R): The Act establishes National, State, and District Legal Aid Funds to support legal aid services.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

47) Consider the following statements regarding mercury:

Assertion (A): Mercury is the only common metal that is liquid at room temperature.

Reason (R): Mercury exposure, even in small amounts, can affect the nervous system, kidneys, and immune system.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

48) Consider the following statements regarding the regulation of Urban Cooperative Banks (UCBs):

Assertion (A): Urban Cooperative Banks (UCBs) are primarily governed by the Banking Regulation Act, 1949, with the Reserve Bank of India (RBI) having significant control.

Reason (R): The Banking Regulation (Amendment) Act,

2020 has given RBI more control over the management and governance of UCBs.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

49) Consider the following statements regarding the Accelerating Renewable Investments in Sustainable Energy (ARISE) initiative and the Climate Investment Funds (CIF):

1. The ARISE initiative was launched to help developing countries adapt to climate risks.
2. The main funds under CIF are the Clean Technology Fund and the Strategic Climate Fund.
3. Spain and Germany committed \$100 million to ARISE during COP 30 of UNFCCC in Brazil.

Which of the statements given above are correct?

- (a) I and III only
- (b) I, II and III
- (c) I and II only
- (d) II and III only

50) Consider the following statements regarding Quality Control Orders (QCOs):

1. Some products require mandatory use of the Standard Mark under a Licence or Certificate of Conformity from the Bureau of Indian Standards (BIS) through issuance of QCOs.
2. QCOs are published by the Central Government after consulting the Bureau of Indian Standards under the BIS Act, 2016.
3. BIS certification is mandatory for all packaged products, regardless of their nature.

Which of the statements given above are correct?

- (a) I and III only
- (b) I and II only
- (c) II and III only
- (d) I, II and III